

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method in a consumer system with a processor and a memory for determining whether an application is misbehaving, the method comprising:

when installing an application,

establishing a limit on services of a service provider that the application is authorized to use based on published requirements of the application, the service provider being a computer system that is remote to the consumer system;

determining by the processor whether the application is authorized to request services of the service provider by asking the service provider if the application is authorized to use the service provider, wherein the service provider determines that the application is not authorized based on notifications received from other consumer systems indicating that the application is misbehaving;

when it is determined that the application is authorized to request services of the service provider, installing the application; and

when it is determined that the application is not authorized to request services of the service provider, not installing the application; and

under control of a runtime environment after the application has been installed,

providing the application with access to an indication of the established limit so that when the application can track usage of the service to not exceed the established limit ;

when the application requests a service of the service provider,

determining by the processor whether the request would exceed the established limit that is based on published requirements of the application;

when it is determined that the request would not exceed the established limit, requesting the service provider to provide the service; and

when it is determined that the request would exceed the established limit,

notifying the service provider that the application is misbehaving; and

prohibiting execution of the application on the consumer system.

2. (Original) The method of claim 1 wherein the prohibiting includes uninstalling the application.

3-4. (Canceled)

5. (Original) The method of claim 1 wherein the service provider aggregates notifications provided by different consumer systems to determine whether the application should be authorized to request services of the service provider.

6. (Original) The method of claim 1 wherein the service provider aggregates notifications provided by the consumer system to determine whether the consumer system should not be authorized to request services of the service provider.

7-8. (Canceled)

9. (Original) The method of claim 1 wherein multiple service providers can provide equivalent services and the application can requests services one of those service providers as designated by the consumer system.

10. (Currently Amended) A method in a ~~computer~~-consumer system with a processor and a memory for apprising a service provider when an application that uses services of a service provider is misbehaving, the method comprising:

providing an indication of misbehavior for the application when the application requests services of the service provider, the service provider being a computer system that is remote to the consumer system; and

under control a runtime environment,

when the application requests a service of the service provider,

determining by the processor whether the application is behaving in accordance with the indication of the misbehavior;

when it is determined that the application is not behaving in accordance with the indication of misbehavior, requesting the service provider to provide the service; and

when it is determined that the application is behaving in accordance with the indication of misbehavior,

notifying the service provider that the application is misbehaving so that the service provider can determine with the application is misbehaving and revoke authorization of the application to use the service provider when executing on the consumer system or when executing on other consumer systems; and

prohibiting execution of the application.

11. (Original) The method of claim 10 wherein the indication of misbehavior is exceeding a number of requests for services of the service provider.

12. (Original) The method of claim 10 wherein the prohibiting includes uninstalling the application.

13. (Original) The method of claim 10 including before installing the application determining whether the application is authorized to request services of the service provider.

14. (Original) The method of claim 10 wherein the service provider aggregates notifications provided by different consumer systems to determine whether the application should be authorized to request services of the service provider.

15. (Original) The method of claim 10 wherein the service provider aggregates notifications provided by a consumer system to determine whether the consumer system should not be authorized to request services of the service provider.

16. (Original) The method of claim 10 wherein the limit is established by a user of a consumer system.

17. (Currently Amended) A method of a service provider for determining whether an application should not be authorized to request services of the service provider, the method being implemented by a computer system with a processor and a memory, the method comprising:

when service consumers determine that the application is misbehaving, receiving notifications of the misbehavior from the service consumers, wherein the application misbehaves when the application requests certain services of the service provider, each service consumer being a consumer computer that is different from the computer system of the service provider;

determining by the processor whether a condition of misbehavior is satisfied based on the received notifications from different service consumers indicating that the application is misbehaving when executed by the different service consumers; and

when a service request is received to provide services to the application executing on a service consumer and it is determined that the condition of misbehavior is satisfied, refusing to provide the requested service.

18. (Original) The method of claim 17 wherein the condition of misbehavior is when multiple service consumers provide notifications that the application has attempted to exceed an established limit of requests for services from the service provider.

19. (Original) The method of claim 17 including receiving from another service provider a notification that the application is misbehaving wherein the condition of misbehavior is satisfied based on the notification received from another service provider.

20. (Original) The method of claim 17 including notifying service consumers that the application is not authorized to request services of the service provider.

21. (Previously Presented) The method of claim 20 wherein a service consumer requests the service provider to indicate whether the application is authorized.

22. (Original) The method of claim 17 wherein the condition of misbehavior is based on an aggregation of the service consumer notifications.

23-30. (Canceled)